FIRST & FINAL

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other works)

No.....

Date:.....

Division: Basavanagudi Division

Sub-Division:

Bill Received No. 235/1478 Dated. 31.05.14 Cash Book Vocher No.....Dated.....

Scheduled Docket No.....

Head of Account.....

Name of work (as Per Sanctioned Estimate.):-***Improvements to RCC drain and Concrete roads at Shettyhalli bad reaches in ward no 12, in SSD***

Name of Contractor and Full Address: : -***Technical Manger (west) Karnataka Rural Infrastructure Development Limited, Project Impiementation unit, Madhavanagara, Bangalore 560 001.***

Reference to Agreement No: *EE/DD/WO/152/2013-14*

Certified that the measurements were taken by me on 29/5/2014 and recorded in pages 83131/2 to 83143/2

Measurements Book No. 832/13-14 and that the work is satisfaction executed

Officer-in-charge of work.

Certified that the measurements were taken by me on 29.5.14 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Executive Engineer

If Memorandum of Payment Work Code No. *012-11-000081*

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ.ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

		Amount
1	Total Value of work done or supplies made as per account.	10790733=00
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	IT-215815-
4	Deduct payments:	KST-431629
	a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....	FSD-539537-
	Amount adjusted towards cash advance recovery of	CBF-10791-
	b) Payments cost store or other materials supplied.	LWC-99000-
5	Balance being unpaid value of work done held in reserve	Total.....
6	Deduct cash advance made on the office cash book vehicle No.....	ROW-25553-
	Dated..... Less adjustments	Pen-10,800-
7	Net amount due to or from contractor	Bed-1332324=00
	Unadjusted items	Net
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	9458409=00

Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Received Rs.....(in words).....

By cash and by adjustment of payment as per memorandum.

Witnesses:

1

2

Date:.....

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Audited and admitted for Rs. 10790733=00

Passed by Cheque for Rs. 9458409=00 (For use in the office)

by adjustment Rs. 1332324=00

Signature of a Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Accounts Superintendent Assistant Engineer or Executive Engineer

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Earthwork excavation for foundation of buildings, culverts, water supply sanitary lines and electrical conduits either in pits or intrenches 1.5 m and above in width, in Hard soil not exceeding 1.5 m depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specifications.	Cum				1688.55	151.74	256228.80	1688.55	256228.80
2	Excavation and removal of silt and silt mix with sand in slushy condition from canal bed including disposing of the same in spoil bank or on canal embankment in layers as directed etc., complete with all initial lead up to 50m and all lift	Cum				351.00	107.00	37557.00	351.00	37557.00
3	Removing 8.5 Slab of drain and stacking etc., complete with all sad and lift, loading & unloading cost of materials & labor, hire charges of machinery tools and plants and other incidental charges etc., complete as per the specifications and directions of the Engineer-in-charge of the work.					1377.00	49.18	67720.86	1377.00	67720.86
4	Refixing stone slabs of drains and pointing in CM 1:3 with all lead and lift loading & unloading cost of materials & labor hire charges of machinery tools and plants and other incidental charges etc., complet as per the specifications and direction of the Enginner in charge of the work.	Cum				1377.00	68.74	94654.98	1377.00	94654.98
5	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.MORTH specification.	Cum				546.00	2098.44	1145748.24	546.00	1145748.24
6	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.892 um and fine aggregates @ 0.465 Cum, machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted in foundation and plinth including cost of all materials, labour, HOM of machinery, curing etc., complete as per specifications and as directed by the Engineer-in-charge of the work	Cum				262.80	4497.12	1181843.14	262.80	1181843.14
7	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, with necessary cement mortar with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed Cement concrete for beams, Columns, Staircase and roof with M-20 (Cement -320 kg/Cum) Complete as per specification.	Cum				175.20	6464.88	1132646.98	175.20	1132646.98
8	Providing and fixing 20mm thick compressible fibre board in expansion joint complete as per drawing & Technical specifications complete as per specifications.	m				20.00	137.16	2743.20	20.00	2743.20
9	Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & complete as per specifications.	Sqm				74.52	1963.60	146327.47	74.52	146327.47
10	Provididting and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete of size 450x200x400mm	No				100.00	316.44	31644.00	100.00	31644.00
11	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications	Cum				36.00	23.76	855.36	36.00	855.36
12	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	cum				36.00	51.84	1866.24	36.00	1866.24
13	Cleaning the existing black topped surface with brooms. Soft brushes and finally dusting with old gunny bags and/ or compressed air to receive bituminous treatment including cost of all materials,labour, HOM of machineries complete as per specifications	Sqm				8535.00	2.59	22105.65	8535.00	22105.65
14	Construction of granular sub-Baseby providing close graded materials, mixing in a mechanical mix plant at OMC carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A Plant Mix Method Close graded granual sub-base materials as per 400-1 For grading Material	Cum				280.35	1015.20	284611.32	280.35	284611.32
15	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.	Cum				467.25	1121.04	523805.94	467.25	523805.94

16	Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut back M.C-70 or any other bitumen mixed with diesel at 10kg per 10sqm heated in bitumen boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries, Complete as per Specifications. MORTH Chapter 5	1869.00 Sqm				1869.00	80.78	150977.82	1869.00	150977.82
17	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion.	Sqm 8535.00				8535.00	11.99	102334.65	8535.00	102334.65
18	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75 mm compacted thickness with 3.3% bitumen but excluding cost of primer/tack coat with lead upto 1 km including cost of all materials labour HOM of machineries complete as per specifications. With 80/100 Grade bitumen but excluding cost of primer/ tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.	Cum 93.45				93.45	6646.32	621098.60	93.45	621098.60
19	Providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type ,hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder at 5.4 to 5.6% of mix and filler trasproting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the rquired grade level and alignment, rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORH specification clause No. 500.9 complete in all respects complete as per specifications. 30-45mm compacted thickness (Grading i) with 5% Bitumen 80/100 grade using 40-60 HMP	Cum 341.40				341.40	11504.16	3927520.22	341.40	3927520.22
20	Carriage of mixed materials 10 kms	Cum				341.40	56.61	[illegible]	341.40	[illegible]
21	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materilas as per Item No. 17.4/KSRRB : M 100-4.1 ... Rs. 2.00 Tonne/ Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum 2039.55				2039.55 ~~566.33~~	72.70	14819.- 1482297 ~~41172.19~~	2039.55 ~~566.38~~	14819.- 1482297 ~~41172.19~~
								9895000.00		9895000.00

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the conveying the debries
4 There are no departmental issues for the above work.

9809758=00 2811947=00
980975=00 981194=00
10790733=00 10793142=00

ಮೇಲಿನ ಅಳತೆಯ ಅಂಶಗಳು
ಕ್ಷೇತ್ರ ಅಧಿಕಾರಿ, ಗುತ್ತಿಗೆ ಮೂಲ
ಸೂಪರ್ ವೈಸರ್ ಮೂಲಕ ಮೂಲ
ಪರಿಶೀಲನೆ, ಅಳತೆ